PE					
SEP .0 2 2005	his form, together wit	h applicable fee(s), to: <u>M</u>	P.O. Box 1450	for Patents	
SEP .U D		or E	·	rginia 22313-1450	ALL THE STATE OF T
NOSPHICTIONS: 456 for	m should be used for tran		` ,		hould be completed when
appropriate Activities for noticated unless corrected by naintenance fee notification	respondence including the I pelow or directed otherwise as.	smitting the ISSUE FEE and Patent, advance orders and notifin Block 1, by (a) specifying a	ication of maintenance fees new correspondence addre	s will be mailed to the current ess; and/or (b) indicating a sepa	correspondence address a arate "FEE ADDRESS" fo
CURRENT CORRESPONDENC	E ADDRESS (Note: Use Block 1 for	any change of address)	Note: A certificate	of mailing can only be used for This certificate cannot be used	or domestic mailings of th
21254 75	590 06/06/2005		papers. Each addition	This certificate cannot be used onal paper, such as an assignment of mailing or transmission.	ent or formal drawing, mu
MCGINN & GIB	B. PLLC		(Certificate of Mailing or Trans	smission
8321 OLD COURT	The state of the s		I hereby certify that	t this Fee(s) Transmittal is bein	a denosited with the Unite
SUITE 200			addressed to the M	e with sufficient postage for fir lail Stop ISSUE FEE address	above, or being facsimi
VIENNA, VA 2218	82-3817			SPTO (703) 746-4000, on the o	•
0/07/2005 MBÉYENE2 000	000007 10670518		HC	mo Deliverp	<u> </u>
FC:1501	1400.00 DP				(Signature
! FC:1504 ! FC:8001	300.00 GP 15.00 GP		<u> </u>		(Date
APPLICATION NO.	FILING DATE	FIRST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/670,518	09/26/2003	Toshiya U	lemura	F03-366-USDIV	6487
APPLN. TYPE	SMALL ENTITY .	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
APPLN. TYPE	SMALL ENTITY NO	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE 09/06/2005
	NO		· · · · · · · · · · · · · · · · · · ·		
nonprovisional	NO	\$1400	\$300		
nonprovisional EXAM PHAM, Change of correspondence	NO	\$1400 · ART UNIT 2814	\$300 CLASS-SUBCLASS	\$1700	09/06/2005
nonprovisional EXAM PHAM, Change of correspondence FR 1.363).	NO IINER LONG e address or indication of "Fe	\$1400 ART UNIT 2814 De Address" (37 Correspondence (1) the nam or agents O	\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered page, alternatively,	, list tent attorneys 1 McGin	09/06/2005 n IP Law Gro
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12	NO IINER LONG e address or indication of "Federice address (or Change of 622) attached.	\$1400 ART UNIT 2814 De Address" (37 Correspondence (2) the nam (3) (3) the nam (3) (4) the nam (3) (4) the nam (4) (5) the nam (4) (6) the nam	\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pa	\$1700 , list tent attorneys 1 McGint PLLC as a member a 2	09/06/2005
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicate	NO IINER LONG e address or indication of "Fe	\$1400 ART UNIT 2814 De Address" (37 Correspondence (1) the namor agents O (2) the namer registered 2 2 registered 2 2 registered 2 2 registered 3 2 regi	\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pa 0R, alternatively, ne of a single firm (having a	\$1700 , list attent attorneys 1 McGint PLLC as a member a ames of up to	09/06/2005 n IP Law Gro
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 c Number is required. ASSIGNEE NAME AND	NO IINER LONG e address or indication of "Formula address (or Change of 022) attached. tion (or "Fee Address" Indicator more recent) attached. Use	\$1400 ART UNIT 2814 The Address" (37 Correspondence (2) the namon registered a 2 registered 2 2 registered listed, no note that the part of a Customer (2) the part of a Customer (3) the part of a Customer (3) the part of a Customer (3) the part of a Customer (4) the part of a Customer (5) the part of a Customer (\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pa DR, alternatively, ne of a single firm (having a attorney or agent) and the nid patent attorneys or agents. ame will be printed. (print or type)	s, list tent attorneys 1 McGint PLLC arms a member a ames of up to If no name is 3	09/06/2005 n IP Law Gro
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 c Number is required. ASSIGNEE NAME AND	NO IINER LONG e address or indication of "Formula address (or Change of 022) attached. tion (or "Fee Address" Indicator more recent) attached. Use	\$1400 ART UNIT 2814 The Address" (37 Correspondence Ition form of a Customer State of a Customer ART UNIT (1) the nance of a customer (2) the name registered a 2 registered a 2 registered issted, no no no customer (3) the customer (3) the customer (3) the customer (4)	\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pa DR, alternatively, ne of a single firm (having a attorney or agent) and the nid patent attorneys or agents. ame will be printed. (print or type)	s, list tent attorneys 1 McGint PLLC arms a member a ames of up to If no name is 3	09/06/2005 n IP Law Gro
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 c Number is required. ASSIGNEE NAME AND	NO IINER LONG e address or indication of "Fedence address (or Change of 622) attached. iion (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B. an assignee is identified be 137 CFR 3.11. Completion of	\$1400 ART UNIT 2814 Se Address" (37 Correspondence (1) the nan or agents O (2) the nam registered a 2 registered isted, no no assignee data will appe of this form is NOT a substitute form.	\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pa DR, alternatively, ne of a single firm (having a attorney or agent) and the nid patent attorneys or agents. ame will be printed. (print or type)	\$1700 , list tent attorneys 1 McGint PLLC as a member a 2 2 3 If no name is 3	09/06/2005 n IP Law Gro
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI	NO IINER LONG e address or indication of "Fedence address (or Change of 622) attached. iion (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B. an assignee is identified be 137 CFR 3.11. Completion of	\$1400 ART UNIT 2814 The Address" (37 Correspondence (2) the name registered a 2 registered a 2 registered isted, no note the part of this form is NOT a substitute full that is the properties of the part of	\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered papers, alternatively, and the nest of a single firm (having a lattorney or agent) and the nest of patent attorneys or agents, ame will be printed. (print or type) tar on the patent. If an assist of filing an assignment. E: (CITY and STATE OR C	\$1700 , list tent attorneys 1 McGint PLLC as a member a 2 2 3 If no name is 3	n IP Law Gro
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI	NO INNER LONG Le address or indication of "Fedence address (or Change of 622) attached. Lion (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B. an assignee is identified be 137 CFR 3.11. Completion of EEE ei Co., Ltd.	\$1400 ART UNIT 2814 The Address" (37 Correspondence (2) the name registered a 2 registered a 2 registered isted, no note the part of this form is NOT a substitute full that is the properties of the part of	\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pages, alternatively, ne of a single firm (having a attorney or agent) and the ned patent attorneys or agents. ame will be printed. (print or type) ear on the patent. If an assign filing an assignment. E: (CITY and STATE OR Company)	signee is identified below, the country)	n IP Law Gro
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI Toyoda Gos lease check the appropriate a. The following fac(s) are	NO INNER LONG e address or indication of "Fedence address (or Change of 622) attached. ion (or "Fee Address" Indicator more recent) attached. Use PRESIDENCE DATA TO B an assignee is identified be 137 CFR 3.11. Completion of EEE ei Co., Ltd. e assignee category or category.	\$1400 ART UNIT 2814 Se Address" (37 Correspondence tion form registered a 2 registered isted, no no assignee data will append fithis form is NOT a substitute f (B) RESIDENCE Nishikas	\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pages, alternatively, ne of a single firm (having a attorney or agent) and the nd patent attorneys or agents. ame will be printed. (print or type) tar on the patent. If an assignment and the patent assignment. E: (CITY and STATE OR Company) Sugai-gun, Aintent): Individual	\$1700 Jacob McGin PLLC Intent attorneys PLLC Intent attorneys PLLC Intent attorneys 2 Intent attorneys 3 Intent attorneys 3 Intent attorneys 3 Intent attorneys 3 Intent attorneys 1 McGin PLLC PLLC	n IP Law Gro
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI Toyoda Gos lease check the appropriate a. The following fx:(s) are	NO INNER LONG e address or indication of "Fedence address (or Change of 622) attached. tion (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B an assignee is identified be a 37 CFR 3.11. Completion of EE ei Co., Ltd. e assignee category or category enclosed:	S1400 ART UNIT 2814 The Address" (37 Correspondence Are of a Customer To a Customer E PRINTED ON THE PATENT Illow, no assignee data will append this form is NOT a substitute for this form is NOT a substitute for this form is NOT as with the substitute for the part of the pa	\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pages, alternatively, ne of a single firm (having a attorney or agent) and the nd patent attorneys or agents. ame will be printed. (print or type) tar on the patent. If an assignment and the patent assignment. E: (CITY and STATE OR Company) Sugai-gun, Aintent): Individual	signee is identified below, the country) chi-ken, JAPAN Corporation or other private gr	n IP Law Gro
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 Tee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI TOYODA GOS lease check the appropriate a. The following fre(s) are Issue Fee	NO IINER LONG e address or indication of "Federic address (or Change of 622) attached. tion (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B. an assignee is identified be a 37 CFR 3.11. Completion of the completion o	S1400 ART UNIT 2814 The Address" (37 Correspondence tion form of a Customer E PRINTED ON THE PATENT low, no assignee data will append fithis form is NOT a substitute fithis form is NOT a substitute fithis form is NOT as within the parties (will not be printed on the parties (will not be parties (will not be printed on the parties (will not be parties (\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pales, alternatively, ne of a single firm (having a attorney or agent) and the net patent attorneys or agents. ame will be printed. (print or type) tar on the patent. If an assistor filing an assignment. E: (CITY and STATE OR Compared to the patent): Individual statent): Individual statent): Individual statent): Individual statent): Individual statenty.	signee is identified below, the country) Country) Corporation or other private grenclosed.	09/06/2005 n IP Law Gro document has been filed f
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI Toyoda Gos lease check the appropriate a. The following fac(s) are	NO IINER LONG e address or indication of "Federic address (or Change of 622) attached. tion (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B. an assignee is identified be a 37 CFR 3.11. Completion of the completion o	S1400 ART UNIT 2814 The Address" (37 Correspondence tion form of a Customer E PRINTED ON THE PATENT low, no assignee data will append fithis form is NOT a substitute fithis form is NOT a substitute fithis form is NOT as within the parties (will not be printed on the parties (will not be parties (will not be printed on the parties (will not be parties (\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pales, alternatively, ne of a single firm (having a attorney or agent) and the net patent attorneys or agents. ame will be printed. (print or type) tar on the patent. If an assistor filing an assignment. E: (CITY and STATE OR Compared to the patent): Individual statent): Individual statent): Individual statent): Individual statent): Individual statenty.	signee is identified below, the country) Country) Corporation or other private grenclosed.	n IP Law Gro
nonprovisional EXAM PHAM, Change of correspondence FR 1.363). Change of correspond Address form PTO/SB/12 Tee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI TOYOGA GOS lease check the appropriate a. The following fre(s) are Issue Fee Publication Fee (No se	NO IINER LONG e address or indication of "Federic address (or Change of 622) attached. tion (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B. an assignee is identified be a 37 CFR 3.11. Completion of the completion o	S1400 ART UNIT 2814 The Address" (37 Correspondence at tion form a registered at 2 registered at 3 registe	\$300 CLASS-SUBCLASS 438-046000 ting on the patent front page nes of up to 3 registered pages, alternatively, ne of a single firm (having a attorney or agent) and the ned patent attorneys or agents. ame will be printed. (print or type) tar on the patent. If an assignment. E: (CITY and STATE OR Compared to the amount of the fee(s) is the amount of the fee(s) is by credit card. Form PTO-20 ctor is hereby authorized by bunt Number 50-048	signee is identified below, the country) chi-ken, JAPAN Corporation or other private greenclosed.	op/06/2005 n IP Law Gro document has been filed for the coup entity Government credit any overpayment, topy of this form).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature
Typed or printed name

J. Bradley Wright,

Esa.

Date September 2, 2005

Registration No. 47,188

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.